

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: David G. WHITTEN et al.

GROUP ART UNIT: 1641

SERIAL NUMBER: NEW U.S. DIVISION APPLICATION

EXAMINER: Gary W. Counts

FILED: HERewith

FOR: IMPROVEMENTS TO THE FLUORESCENT POLYMER QTL APPROACH TO BIOSENSING
INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents
PO BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required. This application relies on the earlier filing date of Application Serial No. 09/850,074, filed May 8, 2001, under 35 USC 120. Because the documents listed on the attached Form PTO-1449 were submitted in an earlier application, copies of the documents are not provided now.

RELATED CASES

- Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- ☒ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- without fee and within three months of the filing date of the application.
- ☐ without fee and within three months of the date of entry of the U.S. national stage.
- ☐ without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- ☐ without fee and with the appropriate certification above.
- ☐ without fee and with a new CPA application.
- ☐ without fee and with a Request for Continued Examination.
- ☐ with fee and before the mailing date of any of a Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- ☐ with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

Respectfully submitted,

PIPER RUDNICK LLP

Steven B. Kelber
Attorney of Record
Registration No. 30,073

Christopher W. Raimund
Registration No. 47,258

1200 Nineteenth Street, N.W.
Washington, DC 20036-2412
Telephone No. (202) 861-3900
Facsimile No. (202) 223-2085

DOCKET NO.: 8971-039-27 DIV

LIST OF RELATED CASES

Docket Number	Serial or Patent Number	Filing or Issue Date	Status
8971-008-27	09/850,074	May 8, 2001	Allowed
8971-017-27	09/934,680	August 23, 2001	Pending
8971-024-27	10/098,387	March 18, 2002	Pending
8971-026-27	10/226,300	August 23, 2002	Pending
8971-037-27 PROV	60/528,792	December 12, 2003	Pending
*8971-039-27 DIV			Pending

The cases listed on this Notice of Related Cases include cases which may contain information that is material to patentability. The listing of a case on this Notice should not be taken as an indication or admission that any information contained therein is material. Prior art for each case listed on this Notice may have been cited. **The files corresponding to the listed cases, which are available to the Examiner, may not have not been examined to ascertain the materiality of any prior art therein.** Accordingly, the Examiner is requested to review the file for each case listed on this Notice in order to assess the materiality of such prior art.

*Present application; listed for information.

Form PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO. 8971-039-27 DIV		SERIAL NO.			
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		APPLICANT DAVID G. WHITTEN, ET AL.					
		FILING DATE MAY 8, 2001		GROUP ART UNIT 1641			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,948,843	8/14/90	ROBERTS ET AL.			
	AB	4,950,587	8/21/90	ROBERTS ET AL.			
	AC	5,612,221	3/18/97	SIMONS ET AL.			
	AD	5,968,762	10/19/99	JADAMEC ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AE	99/35288	7/15/99	WO			
	AF	00/66794	11/9/00	WO			
	AG	04/001379	12/31/03	WO			
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AH	Decher, "Fuzzy Nanoassemblies: Toward Layered Polymeric Multicomposites", Science, Vol. 277, pp. 1232-1237 (1997).					
	AI	Gallot, et al., "Poly(L-lysine) containing azobenzene units in the side chains: influence of the degree of substitution on liquid crystalline structure and thermotropic behaviour", Liquids Crystals, Vol. 23, No. 1, pp. 137-146 (1997).					
	AJ	Place, et al., "Stabilization of the Aggregation of Cyanine Dyes at the Molecular and Nanoscopic Level", Langmuir, Vol. 16, No. 23, pp. 9042-9048 (2000).					
	AK	Jones, et al., "Superquenching and Its Applications in J-Aggregated Cyanine Polymers", Langmuir, Vol. 17, No. 9, pp. 2568-2571 (2001).					
	AL	Decher, et al., "Buildup of Ultrathin Multilayer Films by a Self-Assembly Process: II. Consecutive Adsorption of Anionic and Cationic Bipolar Amphiphiles and Polyelectrolytes on Charged Surfaces", Ber. Bunsenges Phys. Chem., Vol. 95, No. 11, pp. 1430-1434 (1991).					
	AM	Melpolder, et al., "Dye-Polymer/Sol-Gel Composites", Advanced Composite Materials, pp. 287-293 (1994).					
	AN	Suarez-Rodriguez, et al., "Flavanol fluorescent flow-through sensing based on a molecular imprinted polymer", Analytica Chimica Acta., Vol. 405, pp. 67-76 (January 2000).					
	AO	Rathbone, et al., "Molecular recognition by fluorescent imprinted polymers", Tetrahedron Letters, Vol. 41, pp. 123-126 (January 2000).					
	AP	Chen, et al., "Highly sensitive biological and chemical sensors based on reversible fluorescence quenching in a conjugated polymer", PNAS, Vol. 96, No. 22, pp. 12287-12292 (October 1999).					
EXAMINER					DATE CONSIDERED		
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							